



Staff Bridge Branch
2829 W. Howard Place, 3rd Floor
Denver, CO 80204

MEMORANDUM

DATE: Monday, June 10, 2019
TO: All Bridge Worksheet Users
FROM: Michael Collins, Staff Bridge Branch Manager
SUBJECT: CDOT Bridge Worksheets Additions and Updates

The following worksheets have been updated and new worksheets are now available. Individual changes are identified in the following paragraphs.

These updates, and all of the worksheets, are available through the CDOT bridge web page.

<http://www.codot.gov/library/bridge/design-standards>

B-INDEX-2: Updated revisions log and revision table cells for this submittal.

B-618-CBT1: New Worksheet replacing the use of B-618-BT on new bridge designs. This new worksheet and girder shall be used on all projects that are not past the FIR level.

B-618-CBT2: New Worksheet replacing the use of B-618-BT on new bridge designs. This new worksheet and girder shall be used on all projects that are not past the FIR level.

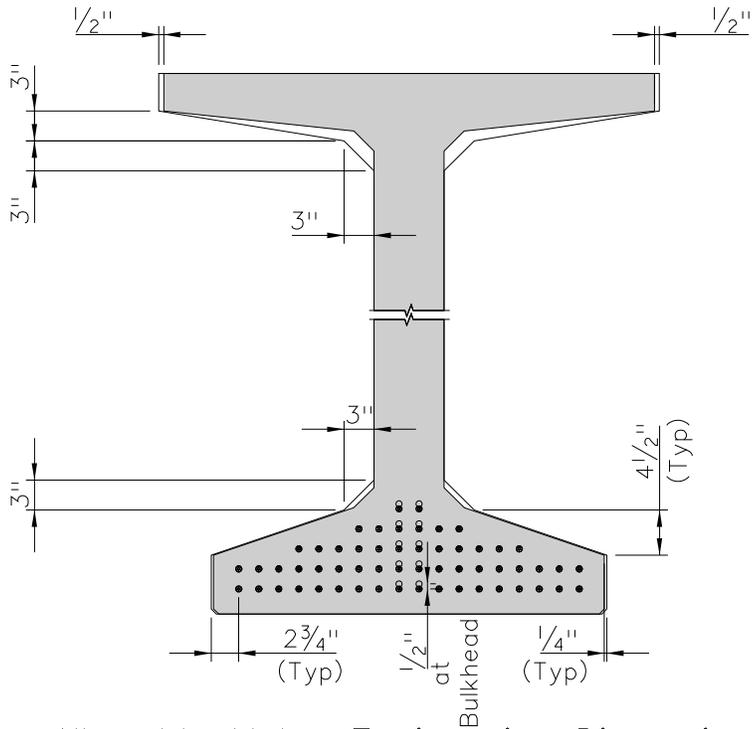
B-618-CBT3: New Worksheet replacing the use of B-618-DF on new bridge designs. This new worksheet and girder shall be used on all projects that are not past the FIR level.

B-618-DBT: New Worksheet showing details for decked bulb tees on new bridge designs. This new worksheet and girder shall be used on all projects that are not past the FIR level.

Earlier use of the worksheets is allowed. The existing B-618-BT and B-618-DF should not be used unless the project is already past FIR.

To facilitate the transition of the new forms for the state's fabricators, value engineering or modification of the dimensions shown in the plans will be allowed during the shop drawing process to approximate these shapes utilizing available formwork for two years from the date of this memo (see below). This will necessitate the design engineer to reevaluate the design & rating while reviewing the shop drawings. This evaluation may be done during the design process as well, using the modified CBT dimensions shown. After 2 years the fabricators will need to match the dimensions shown in the worksheets.





Allowable Value Engineering Dimensions

See B-618-CBT2 for dimensions not shown

Please review and become familiar with these revisions. If you have any questions or recommendations for improvement to the worksheets, please contact:

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